

IN THE CLAIMS:

Please cancel claims 1 -22.

Please add new claims 23- 65.

23. (new) A method, comprising:

reducing the size of a call record maintained for a call, said reducing in response to said call transitioning from an establishment phase to an active phase.

24. (new) The method of claim 23 wherein said reducing further comprises discarding timer information from said call record, said timer information used to determine if a time-out situation has occurred.

AI Cont. 25. (new) The method of claim 23 wherein said reducing further comprises discarding retry counter information from said call record, said timer retry counter information used to determine how many times a call set-up retry should be attempted.

26. (new) The method of claim 23 wherein said reducing further comprises discarding pointer information from said call record, said pointer information to setup messages that are processed or forwarded by a controller.

27. (new) The method of claim 23 wherein said call is a point-to-point call.

28. (new) The method of claim 23 wherein said call is point-to-multi-point call.

29. (new) The method of claim 28 further comprising expanding said call record during said active phase to include information used to add a party to said call.

30. (new) The method of claim 29 wherein said information further comprises a pointer to a mini-call record.

31. (new) The method of claim 29 further comprising reducing said call record during said active phase in response to said party being added to said call.

32. (new) The method of claim 28 further comprising expanding said call record during said active phase to include information used to drop a party from said call.

33. (new) The method of claim 32 wherein said information further comprises a pointer to a mini-call record.

34. (new) The method of claim 32 further comprising reducing said call record during said active phase in response to said party being dropped from said call.

35. (new) The method of claim 23 wherein said call is transported through an ATM network.

36. (new) A method, comprising:

expanding the size of a call record maintained for a call, said expanding in response to said call transitioning from an active phase to a release phase.

37. (new) The method of claim 23 wherein said call is a point-to-point call.

38. (new) The method of claim 23 wherein said call is point-to-multi-point call.

39. (new) The method of claim 23 wherein said call is transported through an ATM network.

40. (new) A method, comprising:

reducing the size of a call record maintained for a call, said reducing in response to said call transitioning from an establishment phase to an active phase;

and

expanding the size of said call record in response to said call transitioning from said active phase to a release phase.

41. (new) The method of claim 40 wherein said reducing further comprises discarding timer information from said call record, said timer information used to determine if a time-out situation has occurred.

42. (new) The method of claim 40 wherein said reducing further comprises discarding retry counter information from said call record, said timer retry counter information used to determine how many times a call set-up retry should be attempted.

43. (new) The method of claim 40 wherein said reducing further comprises discarding pointer information from said call record, said pointer information to setup messages that are processed or forwarded by a controller.

44. (new) The method of claim 40 wherein said call is a point-to-point call.

45. (new) The method of claim 40 wherein said call is point-to-multi-point call.

46. (new) The method of claim 45 further comprising expanding said call record during said active phase to include information used to add a party to said call.

47. (new) The method of claim 46 wherein said information further comprises a pointer to a mini-call record.

48. (new) The method of claim 46 further comprising reducing said call record during said active phase in response to said party having been added to said call.

49. (new) The method of claim 45 further comprising expanding said call record during said active phase to include information used to drop a party from said call.

50. (new) The method of claim 49 wherein said information further comprises a pointer to a mini-call record.

51. (new) The method of claim 49 further comprising reducing said call record during said active phase in response to said party being dropped from said call.

52. (new) The method of claim 40 wherein said call is transported through an ATM network.

Sub B'

53. (new) An apparatus, comprising:

- a) a switch device; and
- b) a switched virtual circuit (SVC) controller that manages memory space where call records are stored for calls that flow through said switch device, said a switched virtual circuit (SVC) controller configured to reduce the size of a call record maintained for a call that flows through said switch device, said reducing in response to said call transitioning from an establishment phase to an active phase.

Cont

54. (new) The apparatus of claim 53 wherein said controller is further configured to expand the size of said call record in response to said call transitioning from said active phase to a release phase.

55. (new) The apparatus of claim 53 wherein said controller further comprises a message processing system that receives messages from said switch, said transitioning capable of being interpreted from said transitioning.

56. (new) The apparatus of claim 53 wherein said call further comprises a call over an ATM network.

57. (new) The apparatus of claim 53 further comprising a standby controller that assumes operation of said controller if said controller fails.

58. (new) The apparatus of claim 53 wherein said apparatus is operating within a working network.

Sub B²

59. (new) An apparatus, comprising:

means for reducing the size of a call record maintained for a call, said reducing in response to said call transitioning from an establishment phase to an active phase.

60. (new) The apparatus of claim 59 wherein said call is a point-to-point call.

61. (new) The apparatus of claim 59 wherein said call is point-to-multi-point call.

62. (new) The apparatus of claim 61 further comprising means for expanding said call record during said active phase to include information used to add a party to said call.

Cont.
Sub B³

63. (new) The apparatus of claim 62 further comprising means for reducing said call record during said active phase in response to said party being added to said call.

64. (new) The apparatus of claim 61 further comprising means for expanding said call record during said active phase to include information used to drop a party from said call.

65. (new) The apparatus of claim 64 further comprising means for reducing said call record during said active phase in response to said party being dropped from said call.

66. (new) The apparatus of claim 59 wherein said call is transported through an ATM network.

Al Cont.

67. (new) The apparatus of claim 59 further comprising means for expanding the size of said call record in response to said call transitioning from said active phase to a release phase.
